APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Surface Impregnation of Steel With Vanadium From the Gaseous Phase by G. N. Dubinin.

RUSSIAN, Dok Ak Nauk SSSR, Vol 84, 1952, No 2, pp 269-272

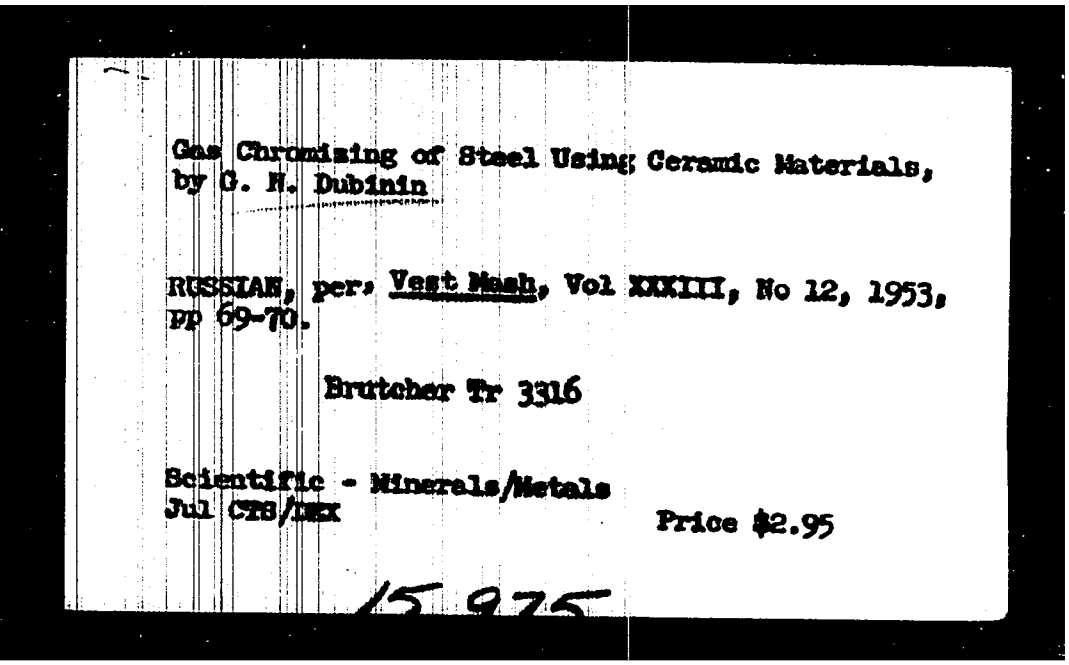
Brutcher Tech Tr No 2929

Elec C 1/F00/2-55

A-1818

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Gas Chromizing of Steel Using Ceramic Materials,
by G. N. Dubinin

RUSSIAN, per: Vest Mash, Vol XXXIII, No 12, 1953,
pp 69-70.

Brutcher Tr 3316

Scientific - Minerals/Metals
Jul CRS/IMX

Price $2.95

15 975

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Some Cases of Very Small Life Times of Low Nuclear Levels, by E. E. Berlovich, G. V. Dubinkin, 3 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII, No 2, pp 223-

Sep 1957,

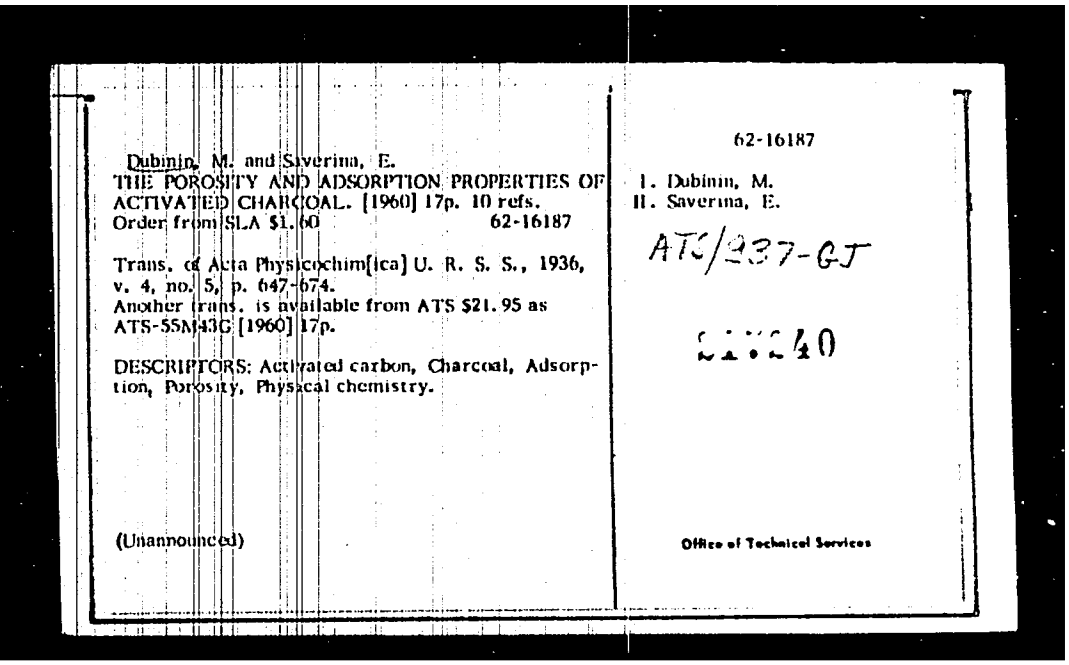
Amer Inst of Phys
Soviet Phys, JETP
Vol V, No 2

Sci - Physics
Oct 57

53,826

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Dubinin, M. and Saverina, E.
THE POROSITY AND ADSORPTION PROPERTIES OF ACTIVATED CHARCOAL. [1960] 17p. 10 refs.
Order from SLA $1.60 62-16187

Trans. of Acta Physicochim[ica] U. R. S. S., 1936, v. 4, no. 5, p. 647-674.
Another trans. is available from ATS $21.95 as ATS-55M43G [1960] 17p.

DESCRIPTORS: Activated carbon, Charcoal, Adsorption, Porosity, Physical chemistry.

(Unannounced)

62-16187

I. Dubinin, M.
II. Saverina, E.

ATS/237-GJ

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Science and Information, by M. Dubinin, V. Serpinskiy.

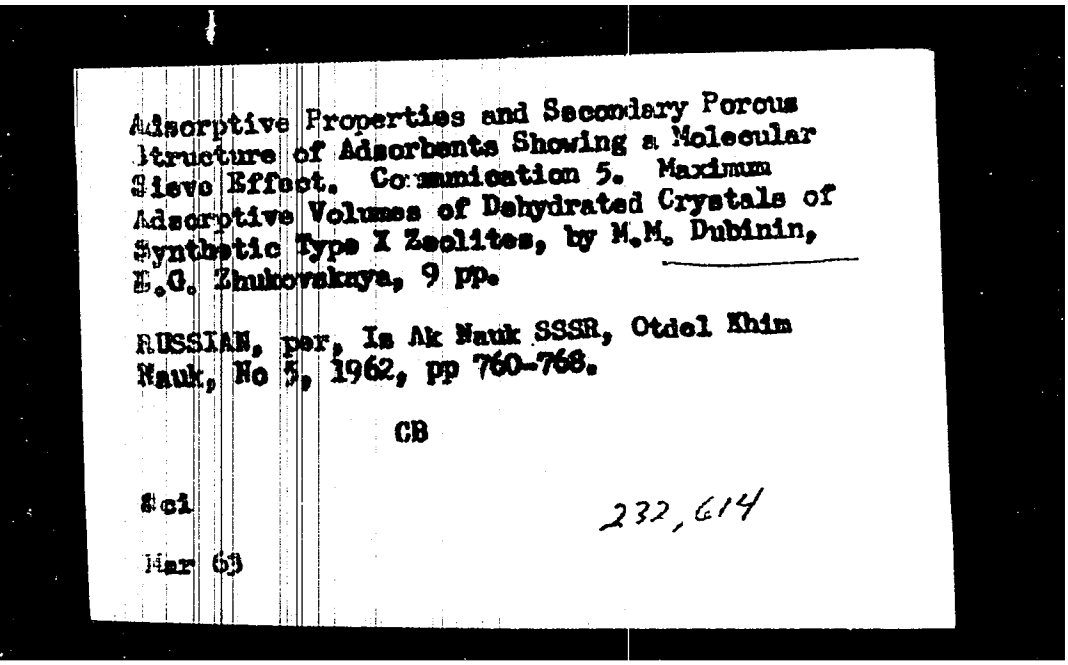
RUSSIAN, np, Izvestiya, No 217, Sep 1962, p 3.

NLL Tr Bulletin
Vol V No 1 1963

Sci - Econ
Mar 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Adsorptive Properties and Secondary Porous Structure of Adsorbents Showing a Molecular Sieve Effect. Communication 5. Maximum Adsorptive Volumes of Dehydrated Crystals of Synthetic Type X Zeolites, by M.M. Dubinin, E.G. Zhukovskaya, 9 pp.

RUSSIAN, per, Is Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1962, pp 760-768.

CB

Sci

Mar 63

232,614

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Dubinin, M. M. and Timofeev, D. P.
CALCULATION OF ADSORPTION ISOTHERMS OF VAPORS ON ACTIVE CARBONS. [1963] [6p] 10refs
Order from OTS, SLA, or ETC $1.10 TT-63-20792

Trans. of Akademiya Nauk SSSR. Doklady, 1948, v. 60, no. 5, p. 821-824.

DESCRIPTORS: *Activated carbon, Vapors, *Adsorption, Thermodynamics, Equations.

(Chemistry--Physical, TT, v. 11, no. 3)

TT-63-20792

I. Dubinin, M. M.
II. Timofeev, D. P.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Electron Microscopic Investigation of the Structure of Porous Bodies by the Replica Method, edited by M. M. Dubinin.

RUSSIAN, rpt, Proceedings of the 2d Conference 13-18 Jun 1956, Metody Issled Struktury Vysokodispersnykh i Poristykh Tel, Iz Ak Nauk SSSR, pp 19-36.

MLL M.1958

193,889

Sci - Electron

Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

22

Investigation Into the Adsorptive Properties and the Secondary Porous Structure of Adsorbents Acting as Molecular Sieves. Communication 2. Comparison of Calculated and Experimental Values for the Maximum Amounts and Volumes Adsorbed by Synthetic Zeolites of the Type A., by M. M. Dubinin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1961, pp 1183-1191.

CB

Sci
Jun 62

200,207

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Vapor Adsorption on Nonporous Adsorbent Models With Physically Modified Surfaces. Communication 2. Low Temperature Adsorption of Nitrogen on Carbon Black With Preadsorbed Benzene and Methyl Alcohol, by A. I. Saruikhov, M. M. Dubinin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Khim, No 7, 1963, pp 1165-1175.

CB

Sci
Jul 64

263,463

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Study of the Adsorptional Properties and Secondary Porous Structure of Adsorbents With a Molecular Sieve Action. Communication 4. Granulated Synthetic Type A Zeolites, by M. M. Dubinin, M. M. Vishnyakova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1961, pp 1387-1394.

CB

Sci

Jul 62

202,694

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Investigation of Adsorptional Properties and Secondary Porous Structure of Adsorbents, Having a Molecular Sieve Action. Communication 3. Components of the Granules of Synthetic Type A Zeolites, by M. M. Dubinin, E. D. Zaverina, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1961, pp 1380-1386.

CB

Sci

Jul 62

202,693

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

A Study of the Nature of the Microporous Structure of Active Carbons, Communication 3. Active Carbons From Different Carbonized Materials, by M. M. Dubinin, E. D. Zaverina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1961, pp 201-204.

CB

Sci

198,795

Jun 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Rational Types of Industrial Activated Carbons Intended for Use as Adsorbents, by M.M. Dubinin, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 2, 1961, pp 291-299

CB

Sci

Mar 62

192, 247

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Investigation of the Nature of the Microporous Structure in Activated Charcoals. Communication 4. The Growth of the Micropore Volume during the Activation of Charcoals, by M. M. Dubinin, 6pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1961, pp 750-755

CB

Sci

188,999

Mar 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorption of Nitrogen Gas on Modified Activated Carbon, by B. P. Bering, M. M. Dubinin, E. G. Zhukovskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4, 1960, pp 793-796.

CB

150,021

Sci

Apr 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

11 753 UK-30

DUBININ M. M., ed.

Methods of investigation of the structure of highly dispersed and porous substances. Proceedings of the second conference, 13th-18th June, 1956. (Conclusions only of these Proceedings)

Izd. Akad. Nauk SSSR, Moscow, 1958

RTS 1603. £ 0. 20s. 0d. - English

Euratom

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

The Problems of Registering the Penetration in Research on the Dynamic Activity of Sorbents, by M. Dubinin, V. Andreyev.

RUSSIAN, no per, Zhur Prik Khim, Vol V, No 3/4, 1932, pp 413-424.

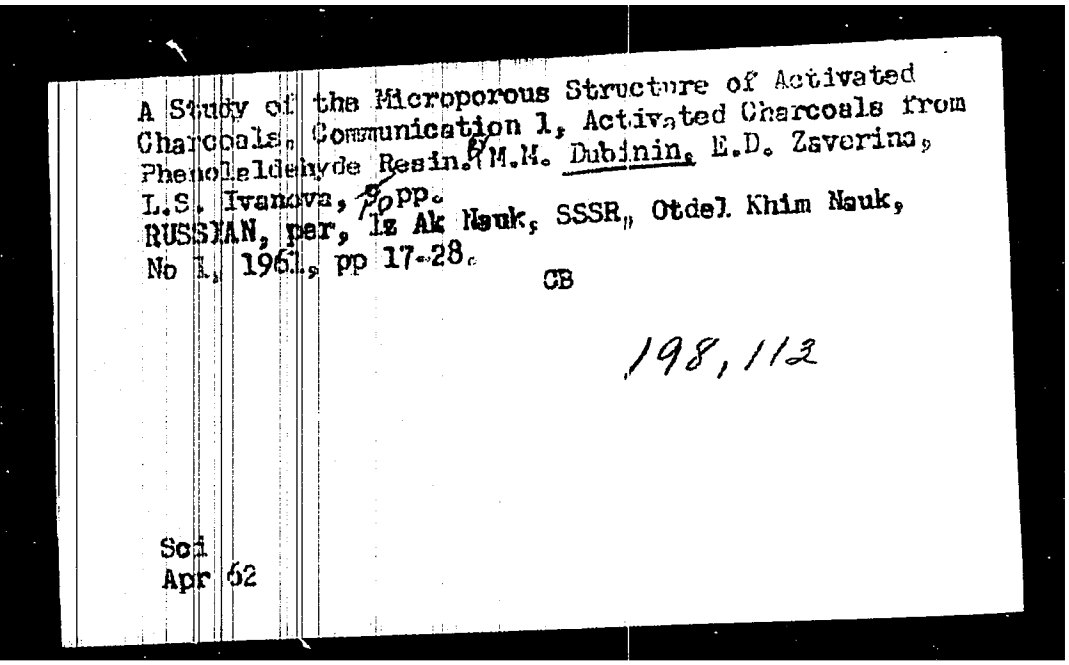
Def Sci Info Sv,
DRB, Canada
T 128 R

Scientific - Physics CTS/DEK

13,785

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



A Study of the Microporous Structure of Activated Charcoals. Communication 1, Activated Charcoals from Phenolaldehyde Resin. M.M. Dubinin, E.D. Zaverina, L.S. Ivanova, 7 pp.
RUSSIAN, per, Iz Ak Nauk, SSSR, Otdel. Khim Nauk, No 1, 1951, pp 17-28.

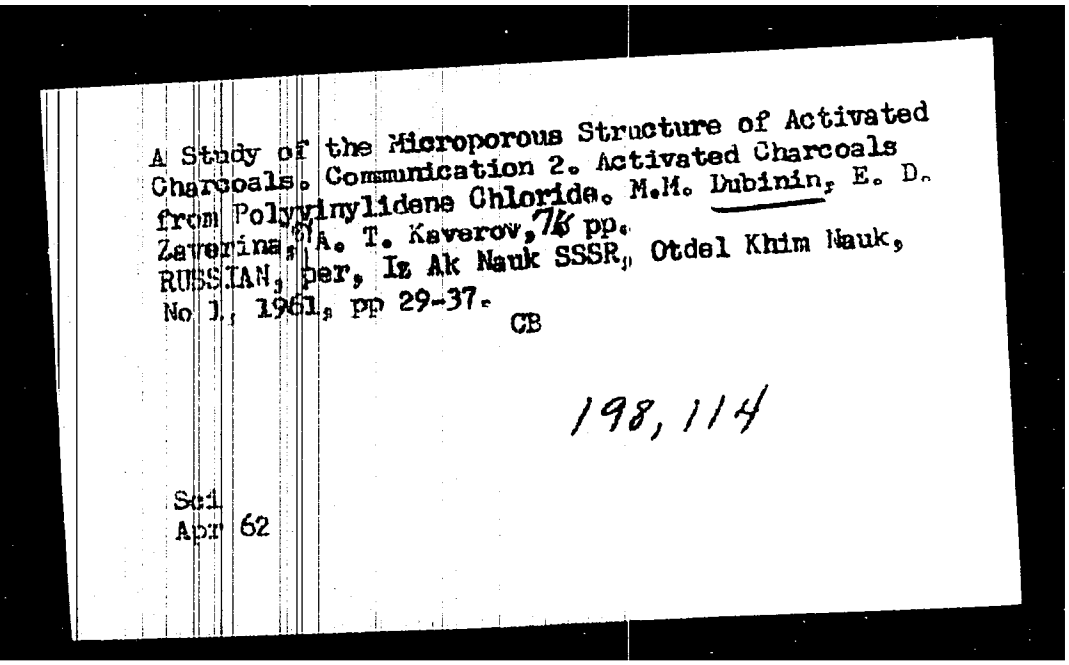
CB

198,112

Sci
Apr 52

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



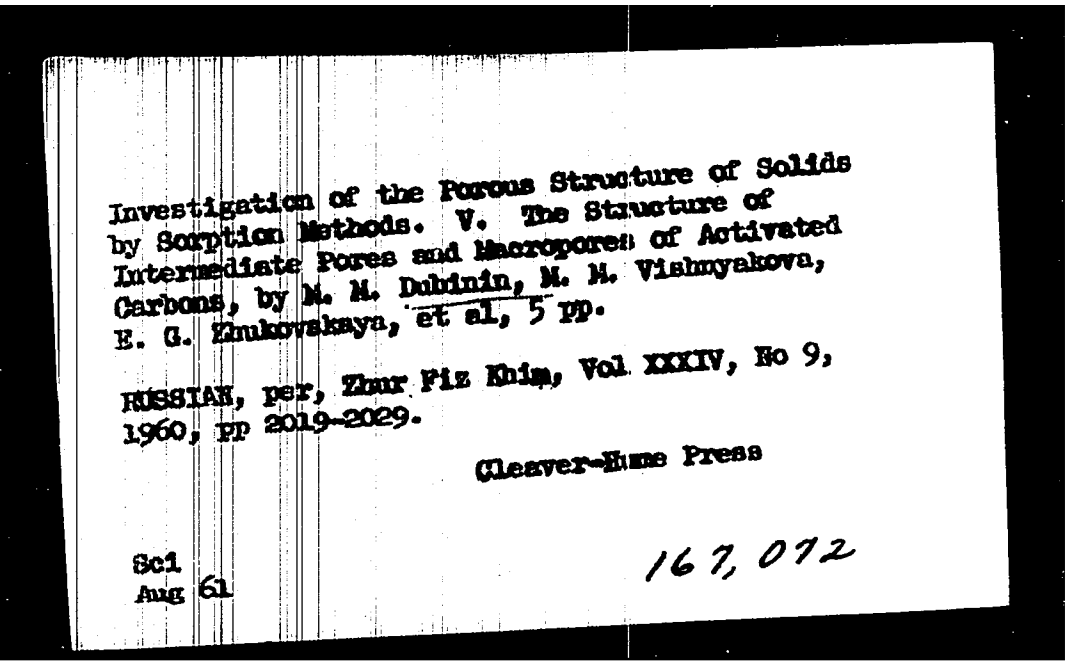
A Study of the Microporous Structure of Activated Charcoals. Communication 2. Activated Charcoals from Polyvinylidene Chloride. M.M. Dubinin, E. D. Zaverina, A. T. Kaverov, 7k pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1961, pp 29-37.
CB

198,114

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Investigation of the Porous Structure of Solids by Sorption Methods. V. The Structure of Intermediate Pores and Macropores of Activated Carbons, by M. M. Dubinin, M. M. Vishnyakova, E. G. Zhukovskaya, et al, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 9, 1960, pp 2019-2029.

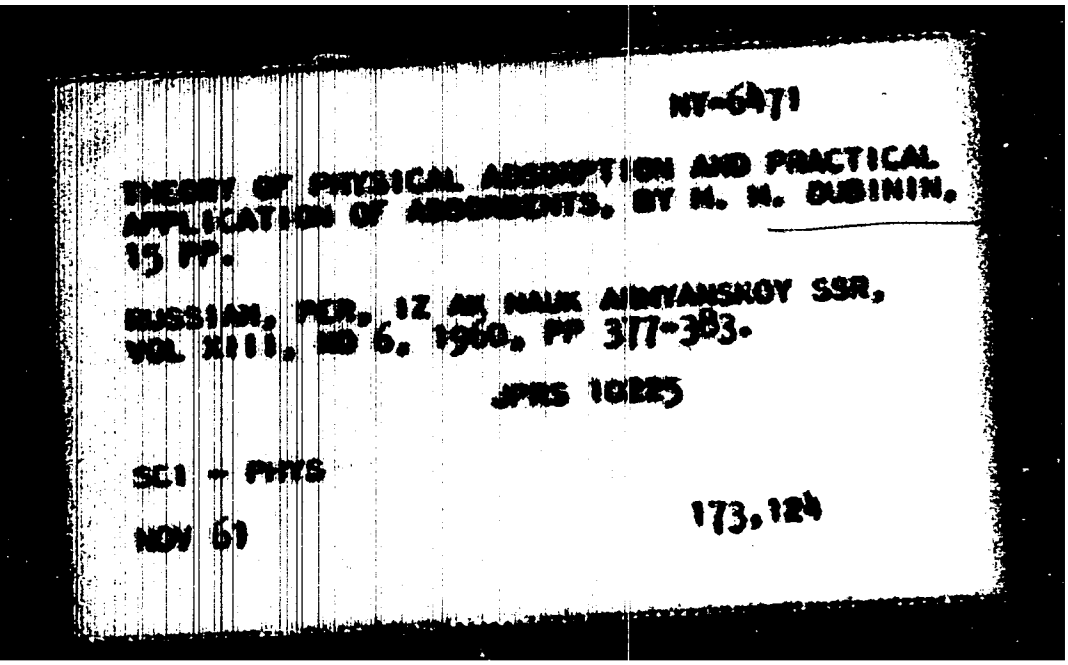
Cleaver-Hume Press

Sc1
Aug 61

167,072

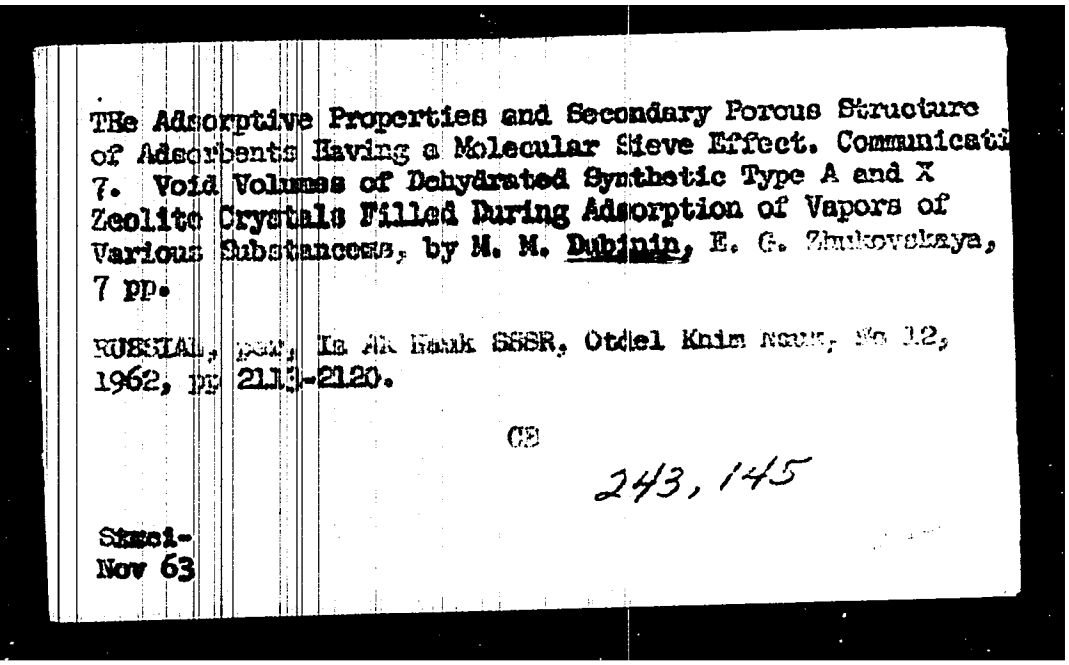
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



THe Adsorptive Properties and Secondary Porous Structure of Adsorbents Having a Molecular Sieve Effect. Communicati 7. Void Volumes of Dehydrated Synthetic Type A and X Zeolite Crystals Filled During Adsorption of Vapors of Various Substances, by M. M. Dubinin, E. G. Zhukovskaya, 7 pp.

KUSSIAN, pub, Iz AN Rauk SSSR, Otdel Khim Nauk, No 12, 1962, pp 2113-2120.

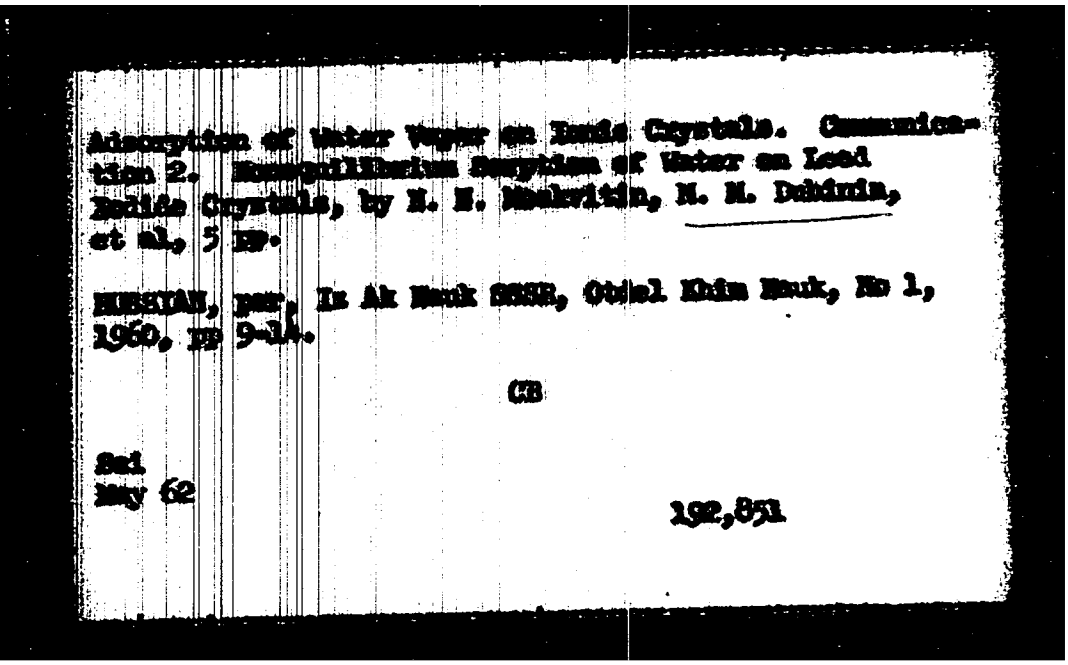
(2)

243,145

Sucoi-
Nov 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Adsorption of Water Vapor on Ionic Crystals. Communication 2. Nonequilibrium Sorption of Water on Lead Iodide Crystals, by M. M. Dubinin, M. M. Dubinin, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1960, pp 9-14.

CB

Sel
May 62

192,851

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

An Investigation of the Adsorption of Vapors on Adsorbents Possessing a Nonuniform Surface, Part 2: Experiments with Organic-Substituted Silica-Gels, by L. G. Ganichenko, M. M. Dubinin, E. D. Zaverina, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1960, pp 1535-1543.

CB

172, 193

Sci

Oct 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Examination of Adsorbed Properties of Active Carbons by Benzol and Nitrogen Vapors, by M. M. Dubinin, E. N. Zhurovskaya. ID 2137009

RUSSIAN, per, Academy of Sciences News Chemical Sciences Division, No 5, 1959, pp 535-544.

ACSI M-5099

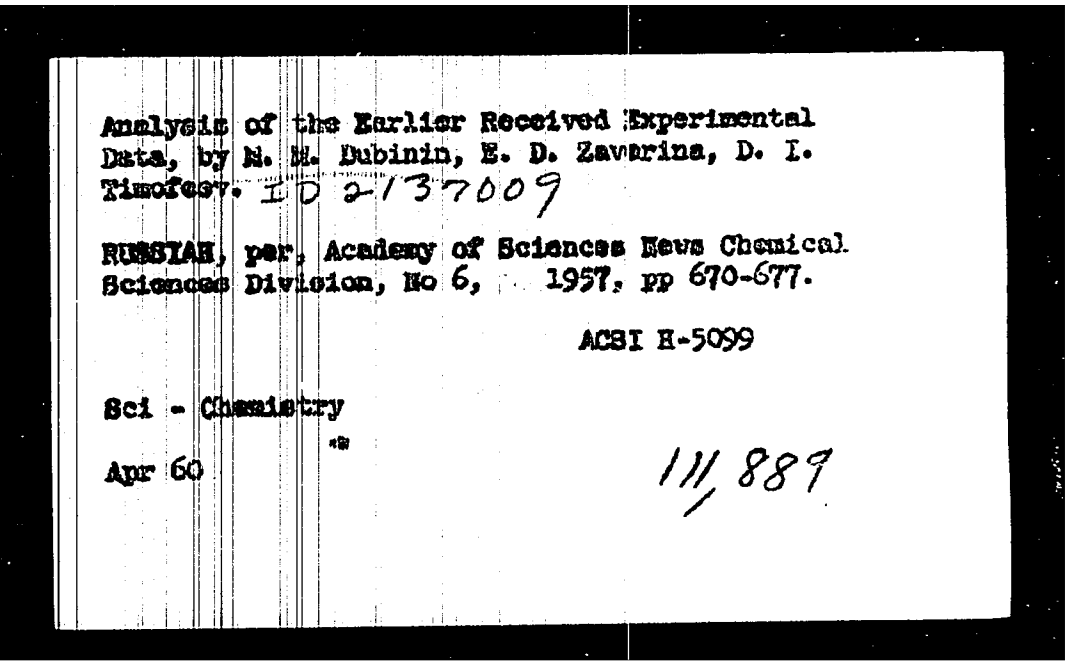
Sci - Chemistry

Apr 60

111,887

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Analysis of the Earlier Received Experimental Data, by N. M. Dubinin, E. D. Zaverina, D. I. Timofeev. ID 2137009

RUSSIAN, per. Academy of Sciences News Chemical Sciences Division, No 6, 1957, pp 670-677.

ACSI R-5099

Sci - Chemistry

Apr 60

111 889

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Calculation of Differential Heats of Adsorption of Vapors on Active Charcoals, by B. P. Bering, M. M. Dubinin, V. V. Serpinskiy, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1959, pp 981-988.

CB

Sci

157,200

Jun 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorption Properties of Carbon Adsorbents. Communication 4. Adsorption Properties of Active Charcoals Having a Developed Transitional Porosity, by M. M. Dubinin, E. G. Zhukovskaya, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1959, pp 1705-1715.

CB

157,925

Sci
Jun 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Methods and Equipment for Physical-Chemical Research, Poremeter for Low Pressure (Low Pressure Poremeter), by M. M. Dubinin,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 6, pp 1404-1406, 1958

O.S.I.R.O.

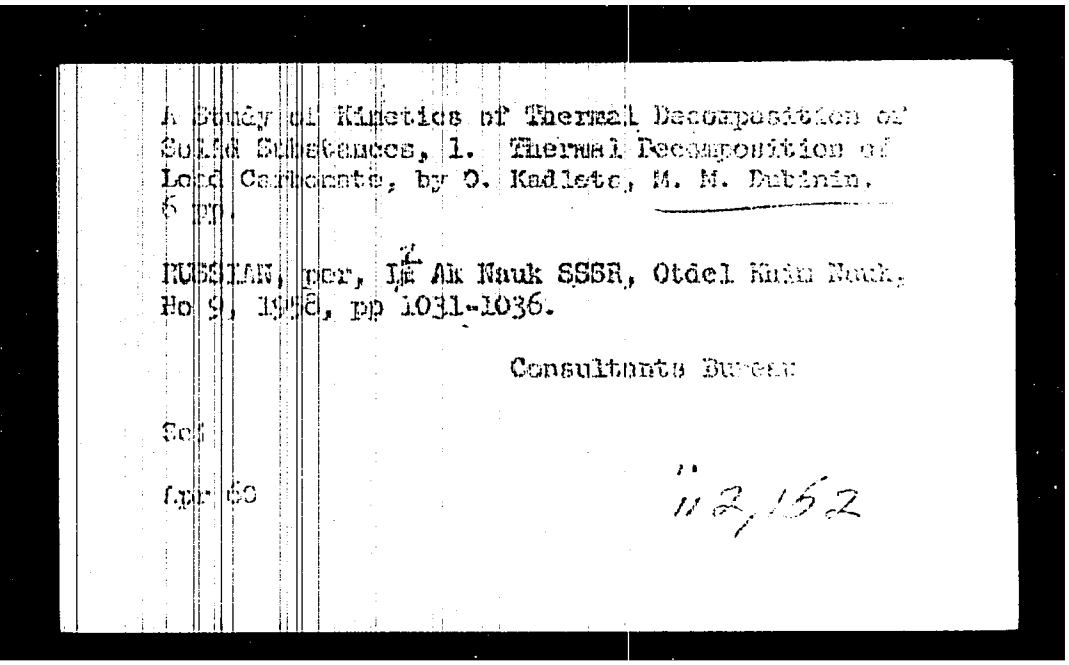
Sci - Chem

May 60

116,408

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



A Study of Kinetics of Thermal Decomposition of Solid Substances, 1. Thermal Decomposition of Lead Carbonate, by O. Kadleto, M. M. Dubinin.
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1956, pp 1031-1036.

Consultants Bureau

Sci

Appr 60

W 2,152

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Examination of Adsorbed Properties of Active Carbons by Benzol and Nitrogen Vapors, by M. M. Dubinin, E. N. Zhurovskaya.

RUSSIAN, per, Academy of Sciences News Chemical Sciences Division, No 5, 1959, pp 535-544.

ACSI H-5099

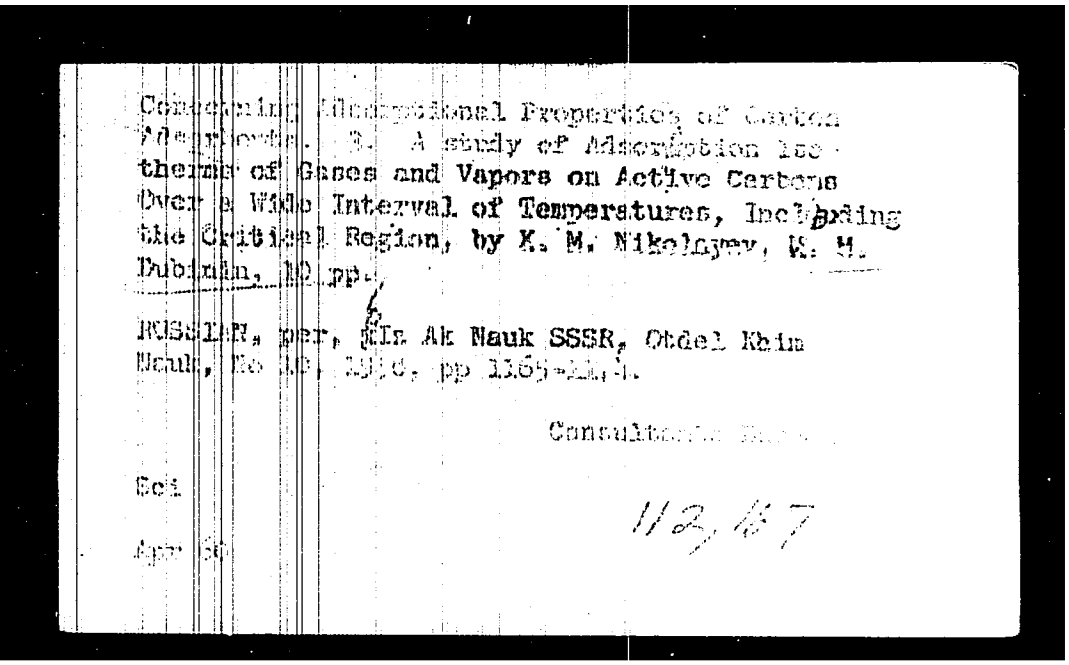
Sci - Chemistry

Apr 60

111,887

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Concerning Thermodynamical Properties of Carbon Adsorbents. 3. A Study of Adsorption Isotherms of Gases and Vapors on Active Carbons Over a Wide Interval of Temperatures, Including the Critical Region, by K. M. Nikolayev, M. M. Dubinin, 10 pp.

RUSS LAN, per, Zh Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1954, pp 1165-1171.

Consultants' Bureau

Sci

Appr

113,47

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

(NY-4790)

Investigation of Vapor Adsorption on Adsorbents With Heterogeneous Surfaces, by M. M. Dubinin, Ye. G. Zhukovskaya, Ye. D. Zaverina, I. Ye. Neymark, R. Yu. Sheynfayn, 29 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1960, pp 588-598.

JPRS 7497

Sci - Chem

Mar 61

142,458

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorption of Water Vapor on Crystalline Silver and Lead Halide Dust Particles, by N. N. Moskvitin, M.M. Dubinin and A. I. Sarakhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5, 1958, pp 840-843.

Consultants Bureau

Sci

102, 022

Dec 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Molecular Sieves as Adsorbents of the 1st Structural Type, by D. P. Berg, M. M. Dubinin, E. G. Zhukovskaya, 4 pp. ING

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 4, 1960, pp 865-867.

CB

149,967

Sci

Apr 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Surface Oxidation and Adsorption Properties of Active Carbon, by M. M. ~~Lubinin.~~ Dubinin

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 5, 1955, pp 513-526.

Tech and Comm Trans

USSR
Sci - Chemistry

21,797

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Investigation of the Porous Structure of Active Carbon by Complex Methods, by M. M. Dubinin, 21 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 1, 1955, pp 3-13.

Sci Trans Center RT-3315

Scientific - Chemistry 32,720

Apr 56

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

The Adsorptive Properties of Carbonaceous Adsorbents. I. Analysis of Previously Obtained Experimental Data, by M. M. Dubinin, E. D. Zaverina, D. P. Timofeyev, 8 pp

RUSSIAN, por, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1957, pp 670-677.

Consultants Bureau

Sci - Chem

May 59

86,954

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Surface and Sorption Properties of Active Carbons. Communications 2. Investigation of the Effect of Chemically Adsorbed and Chemisorbed Oxygen on the Adsorption Properties of Active Carbons With Respect to Water Vapor, M. M. Dubinin, E. D. Zaverina, 13 pp.

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, Sep ~~1957~~ 1956, pp 1038-1049

Consultants Bureau

Sch - Chem

Jul 57

30,444

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Investigation of Adsorption at High Pressures, by B. N. Vasilyev, B. P. Bering, M. M. Dubinin, V. V. Serpinsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No1 1957, pp 131-134.

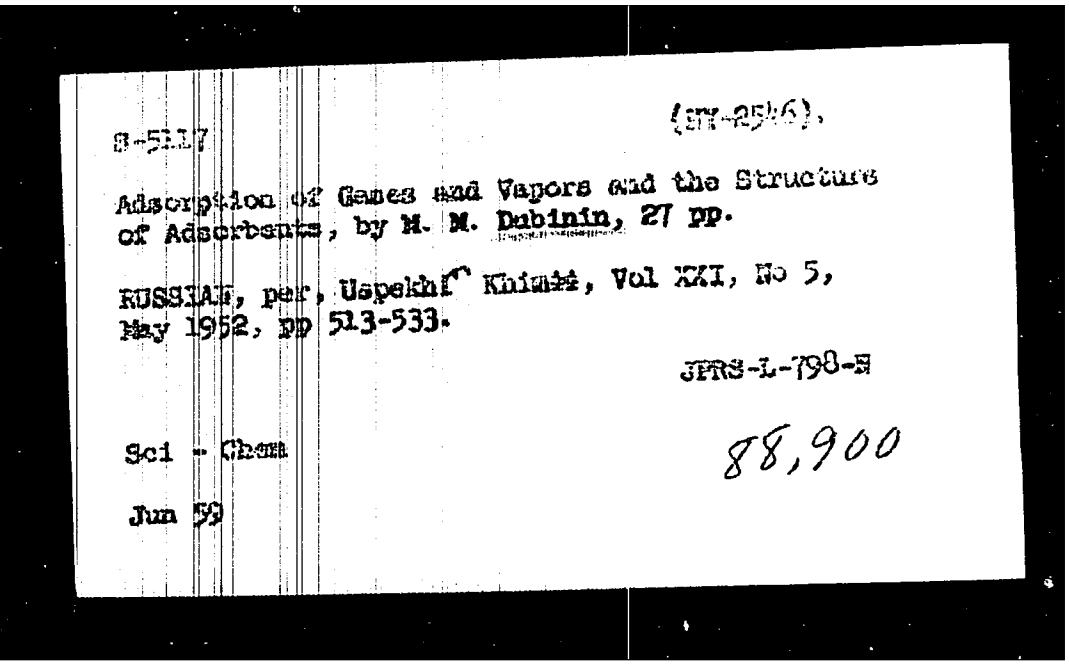
Consultants Bureau

Sci - Chemistry
Jul 58

67,615

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



(SY-2546).

B-5117

Adsorption of Gases and Vapors and the Structure of Adsorbents, by M. M. Dubinin, 27 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXI, No 5, May 1952, pp 513-533.

JPRS-L-798-S

88,900

Sci - Chem

Jun 59

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Studies of the Porous Structure of Solids by Sorption Methods. 1. Analysis of Various Methods for Computing the Distribution of Pore Volume, by M. M. Dubinin, 23 pp.

RUSSIAN, per Zhur Fiz Khim, Vol XXX, 1956, pp 1652-1661. CIA 9038812

SIA R-2025
(AEC Tr 3008)

71,184

Sci
Aug 58

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Sept

Sorption and Structure of Active Carbons. VI. Structural Types of Active Carbons, by M. M. Dubinin, E. D. Zaverina.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXIII, 1949, pp. 1129 - 1140.

AEC Tr 564

Sci - Chem

Aug 1951 6TS
A-1893

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorbability and the Physico-Chemical Properties of Vapor-like Substances. 1. An investigation of the adsorption of vapor-like substances by activated charcoals, by M. M. Dubinin and D. P. Timofoyev.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXI, No 10, 1947, pp 1213-22. (2 a).

AEC Tr 434

Scientific - Chemistry

A-1892

May 1951 CTS

32T8

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorption Properties of Carbon Adsorbents. Communication 5. Peculiarities in the Sorption of Water Vapor by Active Carbons at High Relative Pressures, by M. M. Dubinin, E. G. Zhukovskaya, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1960, pp 966-975.

CB

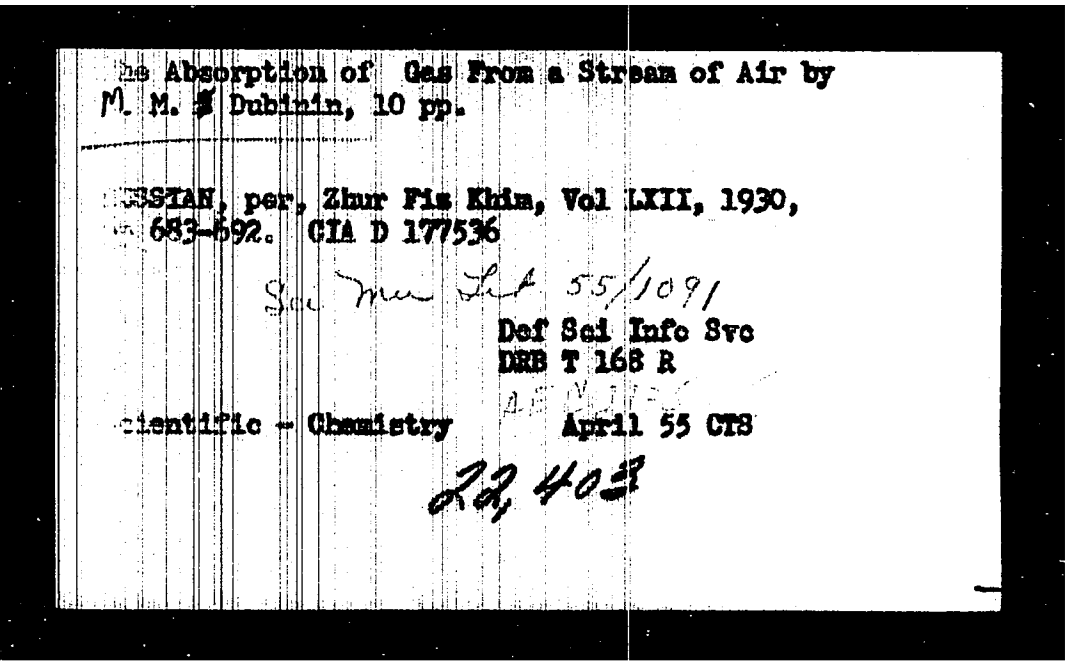
Sci

195,635

may 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Absorption of Gas From a Stream of Air by
M. M. [illegible] Dubinin, 10 pp.

[illegible]SSIAN, per, Zhur Fiz Khim, Vol LXII, 1930,
683-692. CIA D 177536

Sci Mic Lib 55/1091

Def Sci Info Svc
DRB T 168 R

[illegible]cientific - Chemistry April 55 CTS

22,403

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Sorption of Water Vapor by Active Charcoals,
by M. M. Dubinin, E. D. Zaverina, 4 pp.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1954, pp 217-224. CIA D 151309

SLA TR-1028
Consultants Bureau

23,315

Scientific - Chemistry May 55 CTS/DEX

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Dubinin, M. M., Zhukovskaya, E. G. and Murdmaa, K. O.
ADSORPTION OF NITROGEN AND WATER VAPOR ON ZEOLITES OF TYPE X AND THE POTENTIAL THEORY OF ADSORPTION. Pt. 6 of Investigation of Adsorption Properties and Secondary Pore Structure of Adsorbents with a Molecular Sieve Action. [1962] 10p.
Order from ATS $14.50 ATS-22P64R

Trans. of #Akad[emiya] Nauk SSSR. Otd[elenie] Khim-[icheskikh] Nauk. Izv[estiya] 1962, no. 6, p. 960-968.

DESCRIPTORS: *Adsorbents, *Organolites, *Nitrogen, *Water vapor, Adsorption, Theory.

(Chemistry--Physical, TT, v. 9, no. 2)

63-12002

I. Dubinin, M. M.
II. Zhukovskaya, E. G.
III. Murdmaa, K. O.
IV. Title: Investigation ...
V. ATS-22P64R
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Dubinin, M. M. and Zhukovskaya, Ye. G.
STUDY OF THE POROUS STRUCTURE OF SOLIDS BY SORPTION METHODS. II. COMPARISON OF DIFFERENT METHODS OF CALCULATING PORE-VOLUME AND SURFACE DISTRIBUTION WITH RESPECT TO SIZE FOR SORBENTS ON TYPICAL EXPERIMENTAL MATERIAL. [1961] 12p.
Order from ATS $17.40 ATS-98N50R

Trans. of Zhur[nal] Fiz[icheskoy] Khim[ii] (USSR) 1956, v. 30, no. 8, p. 1840-1851.

DESCRIPTORS: Solids, *Porous materials, *Porosity, *Adsorption, Adsorbents, Test methods.

(Chemistry--Physical, TT, v. 6, no. 2)

61-22376

I. Dubinin, M. M.
II. Zhukovskaya, Ye. G.
III. Title: Comparison...
IV. ATS-98N50R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Hormones of the Thyroid Gland and Their Analogs,
V. A New Synthesis of β-Thyroxine, by N. N. Suvorov,
A. A. Dubinskaya, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 2051-2054.

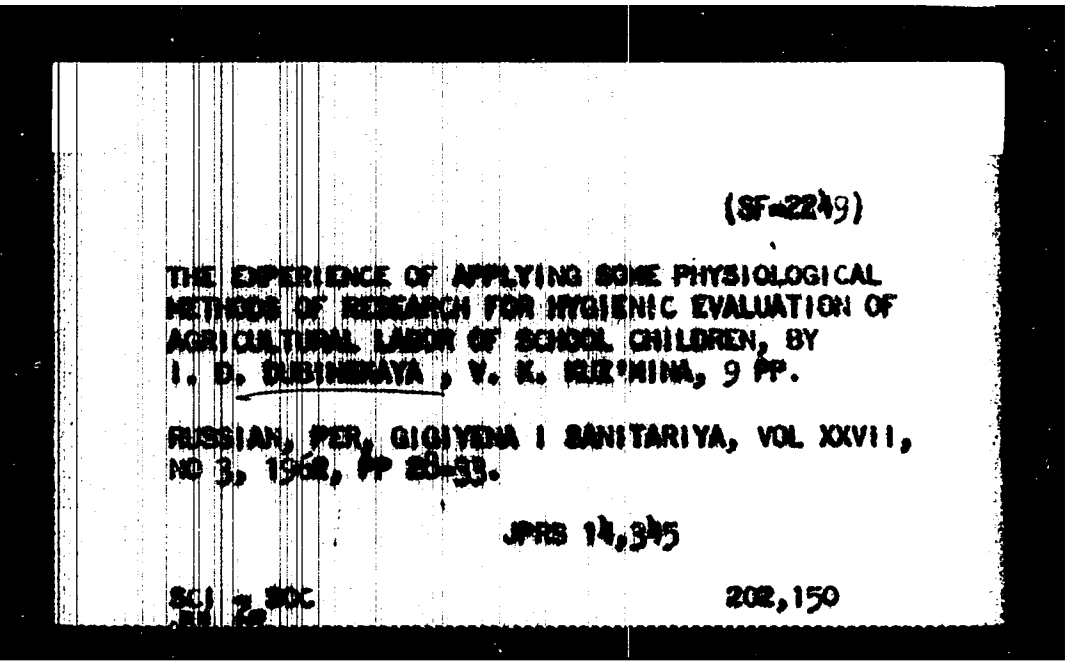
CB

Sci
Aug 61

162,552

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



(SF-2249)

THE EXPERIENCE OF APPLYING SOME PHYSIOLOGICAL METHODS OF RESEARCH FOR HYGIENIC EVALUATION OF AGRICULTURAL LABOR OF SCHOOL CHILDREN, BY I. D. DUBININAYA , V. K. KUZ'MINA, 9 PP.

RUSSIAN, PER. GIGIYENA I SANITARIYA, VOL XXVII, NO 3, 1962, PP 28-33.

JPRS 14,345

SCI & TECH

202,150

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Dubinskaya, N. and Ulmanis, U.
INVESTIGATION OF THE BACK-SCATTERING OF GAMMA-RADIATION (Issledovanie Obratnorasseyannogo Gamma-Izlucheniya) tr. by A. Pingell. 15 Aug 62, 5p. 6 refs. N R L Trans. no. 910.
Order from OTS $0.50 62-11765

Trans. of Akademiya Nauk Latvilskoi SSSR, Riga. Izvestiya. 1957, no. 7(120) p. 147-150.

DESCRIPTORS: *Gamma rays, Scattering, Atomic number, Gamma ray spectroscopy, Radioactive isotopes.

The intensity of back-scattered gamma-radiation was investigated as a function of the atomic number of the Z-scatterer.

(Nuclear Physics and Nuclear Chemistry, TT, v. 8, no. 10)

62-11765

I. Dubinskaya, N.
II. Ulmanis, U.
III. NRL Trans-910
IV. Naval Research Lab., Washington, D. C.

C226199

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Investigation of the Back-Scattering of Gamma-Radiation, by N. Dubinskaya, U. Ulmanis, 5 pp.

LATVIAN ~~RUSSIAN~~, per, Latvijas PSR Zinatnu Akademijas Vestis, No 7 (120), 1957, pp 147-150. 9678168

Navy Tr 3244/NRL 910

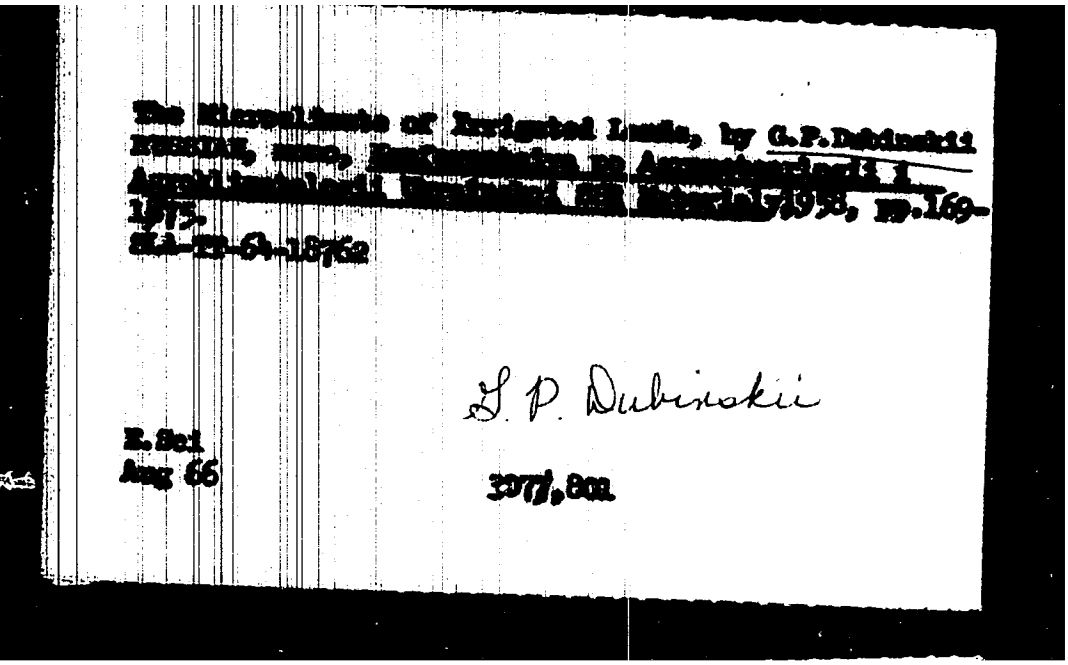
Sci - Phys

Nov 62

217,210

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



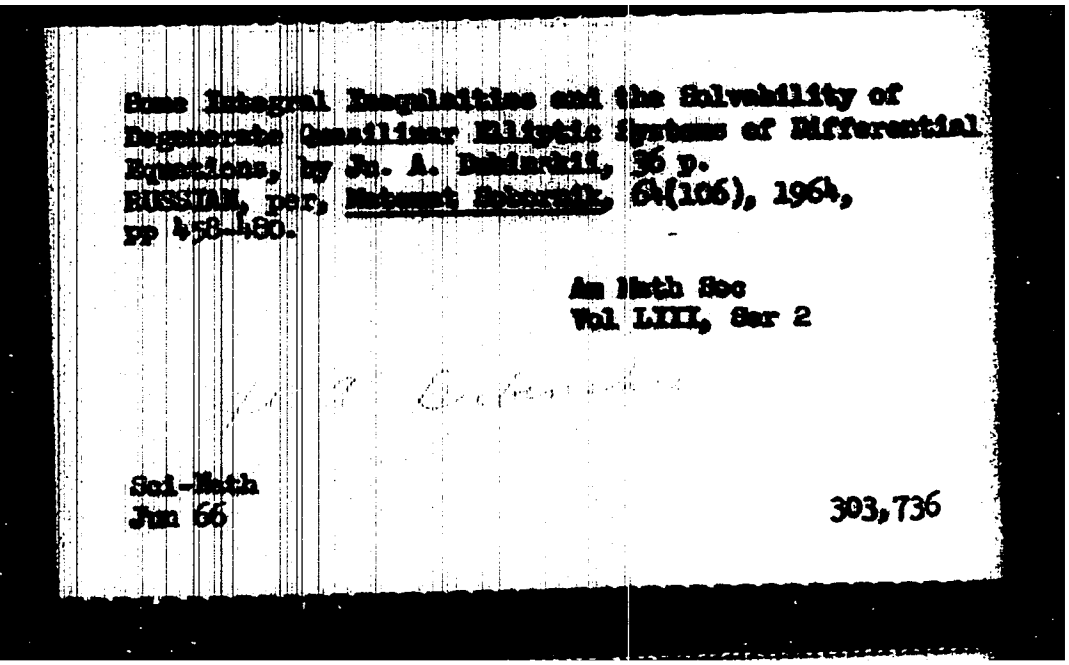
L. P. Dubinskii

Z. Sci
Aug 66

3077,802

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Some Integral Inequalities and the Solvability of Regularizable Quasilinear Elliptic Systems of Differential Equations, by Ju. A. Dubinskii, 36 p. RUSSIAN, per, Matematicheskii Sbornik, 64(106), 1964, pp 458-480.

Am Math Soc
Vol LXII, Ser 2

Sci-Math
Jun 66

303,736

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Brief Communications, by I.G. Dubinskiy, V.F. Erko, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959; pp 1483-1485.

Instrmc Soc of Amer

135, 406

Sci
Jan 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

(NY-6532)

Detection and Extraction of a Glycoprotein From Blood Serum Which Causes a Reduction in Coronary Outflow, by A. A. Dubinskiy, 5 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2, Mar/Apr 1961, pp 197-200.

JPRS 9694

Sci - Med

Aug 61

162,141

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Khellin and Its Application in the Treatment of Disorder of Coronary Circulation, by Ya. I. Khadzhai, A. A. Dubinskiy.

RUSSIAN, per, Vopr. Patol Serdechnososud Sist, Vol IV, 1955, pp 3-9.

NIH 33

Sci - Med

Sep 58

73,293

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Devonian of the Folded Basement of the Cis-Caucasus, by A. Ya. Dubinskiy, 5 pp.

RUSSIAN, per, Geolog Neft i Gaza, Vol IV, No 5-B. 1960.

ERG

Sci
Jun 63

132,678

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

The Accuracy of Measuring the Parameters of Oscillations Disturbed by Low-Intensity Gaussian Noise, by B. A. Dubinskiy, 11 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12, 1959, pp 1977-1984.

PP

146, 5-70

Sci -
Apr 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

A. Simplification of the Construction and Tuning up of the Machines of the Sartovskiy Plant for Mass Production of Templates for Shoe Parts, by E. A. Dubinskiy, B. More About Standards of Durability of Velours Used in Footwear, by K. G. Golbraykh, 9 pp, (ID 1274776) UNCLASSIFIED

RUSSIAN, per, Leg Prom, No 1, 1954, Moscow, pp 23-26; 44, 45.

24989

G-2, OSUSA G-4676

USSR -
Economic -

Jun 55 CIB

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

The Study of the Heat and Moisture Balance of the Ukraine as a Basis for Measures to Raise the Productivity of Agriculture, by V. P. Popov, P. K. Bogatyr', G. P. Dubinskiy, 12 pp.

RUSSIAN, rpt.

Amer Geographical Soc
Soviet Geography
Vol II, No 7

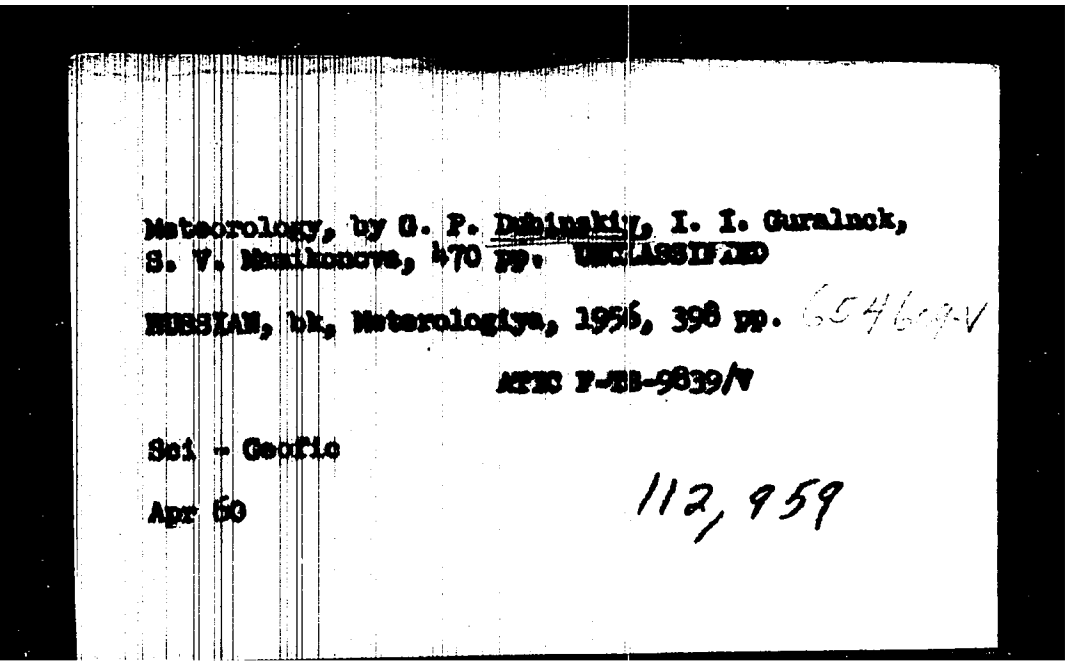
169, 388

Sci - Geophys

Sep 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Meteorology, by G. P. Dobinskiy, I. I. Guralnok, S. V. Nekhamkova, 470 pp. UNCLASSIFIED

RUSSIAN, bk, Meteorologiya, 1956, 398 pp. 65469-V

AFTC F-TS-9839/V

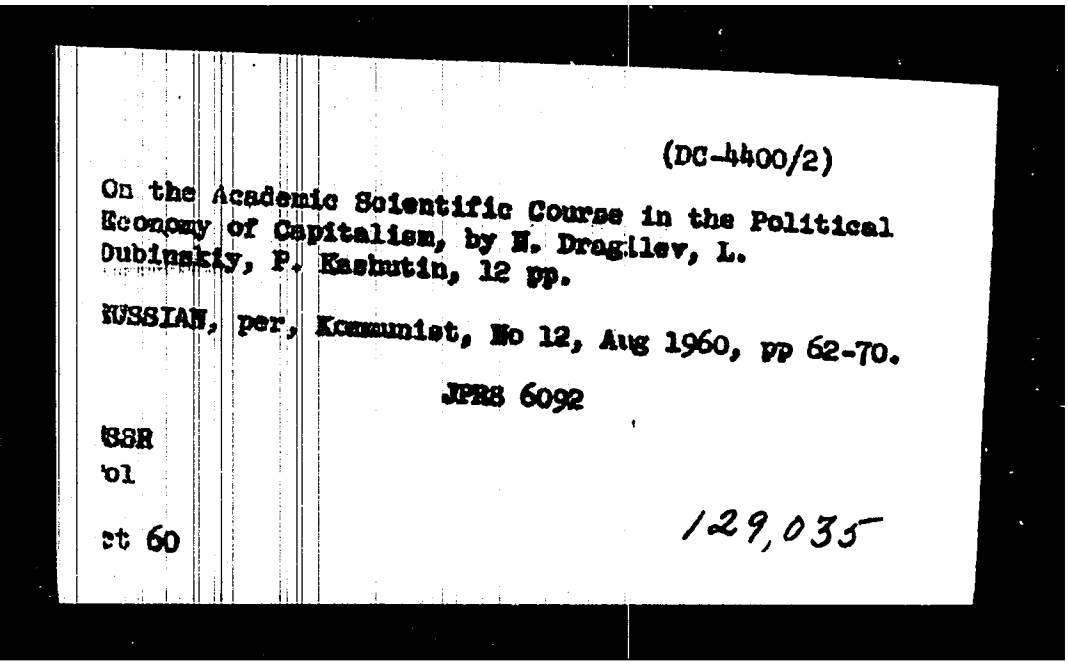
Sci - Geofic

Apr 60

112,959

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



(DC-4400/2)

On the Academic Scientific Course in the Political Economy of Capitalism, by N. Draglilev, L. Dubinskiy, P. Kashutin, 12 pp.

RUSSIAN, per, Kommunist, No 12, Aug 1960, pp 62-70.

JPRS 6092

USSR
ol

t 60

129,035

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

(NY-5218)

Ways to Raise the Productivity of Labor in the Construction of Main Cable Lines, by M. A. Dubinskiy, 20 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1955.

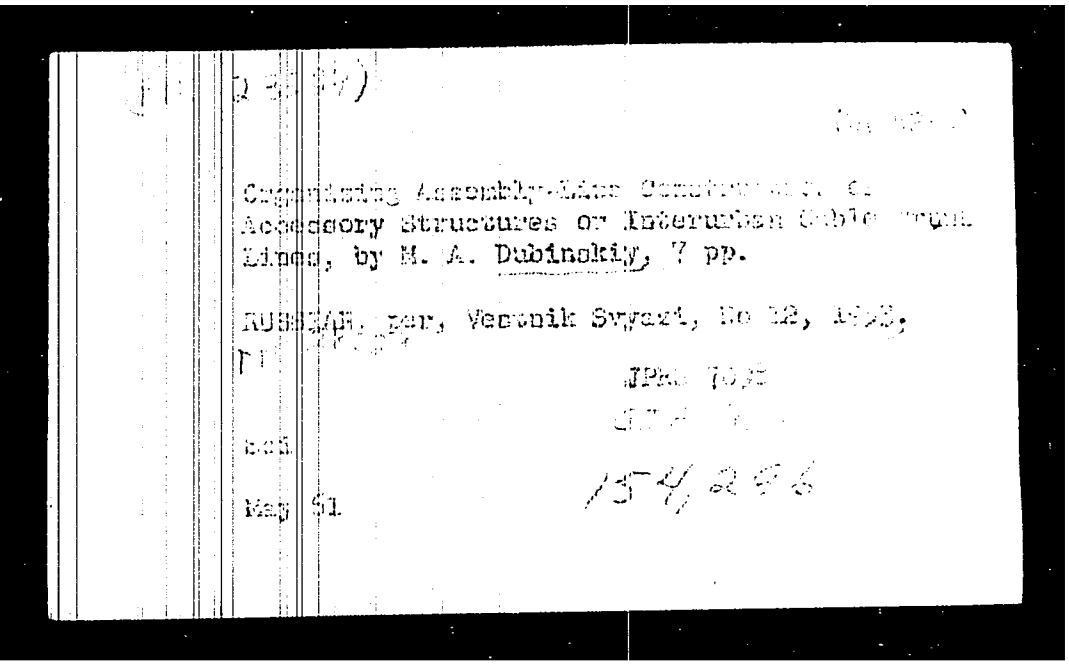
JPRS 7087

Sci
Jun 61

156,792

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Supporting Assembly-Line Conveyors [illegible]
Accessory Structures on Interurban Cable Truck
Lines, by M. A. Dubinskiy, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1953,
[illegible]

JPRS 7095

[illegible]

Map $1

154,295

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Flow Rotating Streams of Gas in Annular Channels, by M. G. Dubinskiy.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 11, 1955, pp 125-128.

Co-Op Trans Sch Tr 290
$1.12s.

42,650

Sci - Physics

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Vortex Apparatuses, by M. O. Dubinskiy.

RUSSIAN, per, Is Ak Nauk, No 8, 1955, pp 3-10.

Co-Op Trans Sch Tr 240
23.4s. (8s.Od.)

Sci - Engineering

4.2, 691

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Vortex Apparatuses, by M. Ch. Dubinskiy, 7 pp.
UNCL.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 8, 1955, pp 3-10.

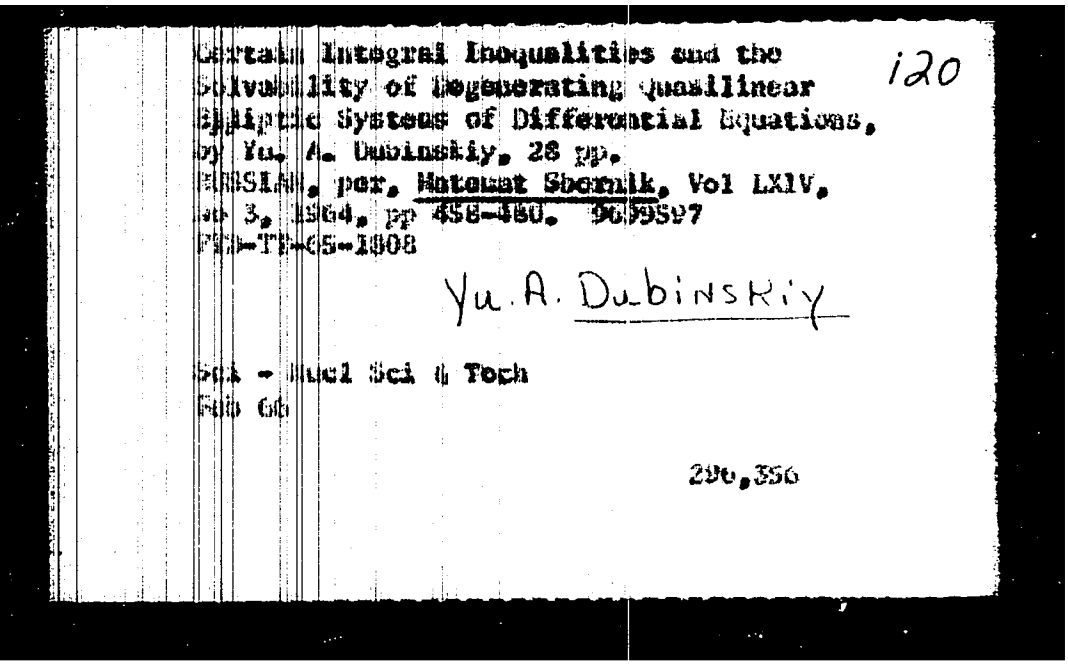
Sci Mus Lib 1890

Sci - Engr; Phys
Mar 59

83,290

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Certain Integral Inequalities and the Solvability of Degenerating Quasilinear Elliptic Systems of Differential Equations, by Yu. A. Dubinskiy, 28 pp.
RUSSIAN, per. Matematicheskiy Sbornik, Vol LXIV, No 3, 1964, pp 458-480. 90/9597
FTD-TT-65-1008

i20

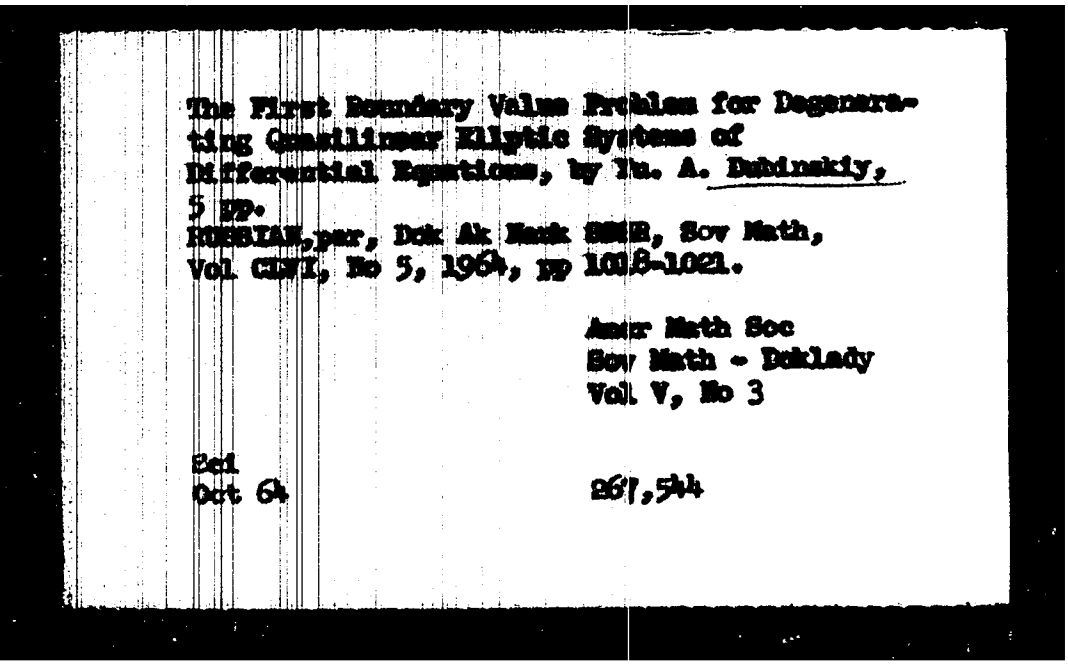
Yu. A. Dubinskiy

Sub - Nucl Sci & Tech
Feb 66

296,356

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



The First Boundary Value Problem for Degenerating Quasilinear Elliptic Systems of Differential Equations, by Yu. A. Dubinskiy, 5 pp.
RUSSIAN, par, Dok Ak Nauk SSSR, Sov Math, Vol CLXI, No 5, 1964, pp 1018-1021.

Amer Math Soc
Sov Math - Doklady
Vol V, No 3

Sel
Oct 64

267,544

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Evaluating the Efficiency of Automatic Cammontrol Systems, by L. G. Dubitskii, 6 pp.

(RUSSIAN, per, Izmeritel Tekhnika, No 7, 1963, pp 17-19.

ISA

245, 924

Jan 64

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Kinetics of the Hydrolysis of Hemicelluloses of Outer Grain Layers--Wastes from Grain and Mixed-Feed Factories, by M. S. Dufkin, 7 pp,

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 9, 1962, pp 1901 - 1907

CB

Sci

Jul 63

342,322

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

(DC-4700)

Method for Determining the Number of Auxiliary Workers in Production, by M. Semenova, G. Dubkov, 6 pp.

RUSSIAN, per, Sotsialisticheskiy Trud, No 2, 1962, pp 93-95.

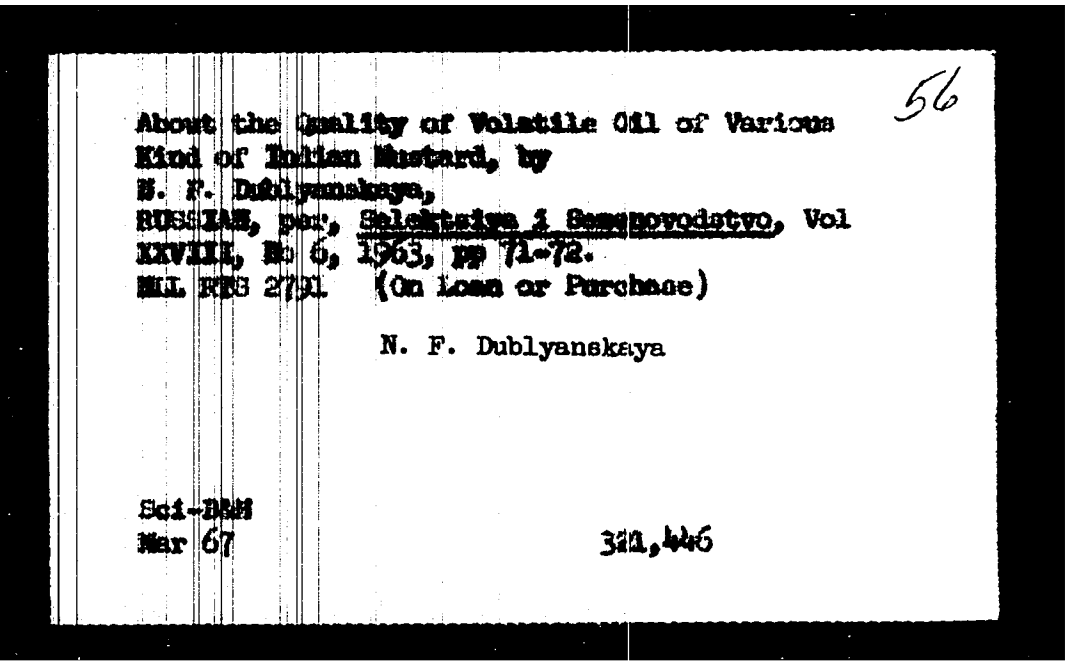
JPRS 13695

195,933

USSR
Econ
May 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



56

About the Quality of Volatile Oil of Various Kind of Indian Mustard, by
N. F. Dublyanskaya,
RUSSIAN, per: Selektsiya i Semenovodstvo, Vol XXVIII, No 6, 1963, pp 71-72.
MIL FTD 2791 (On Loan or Purchase)

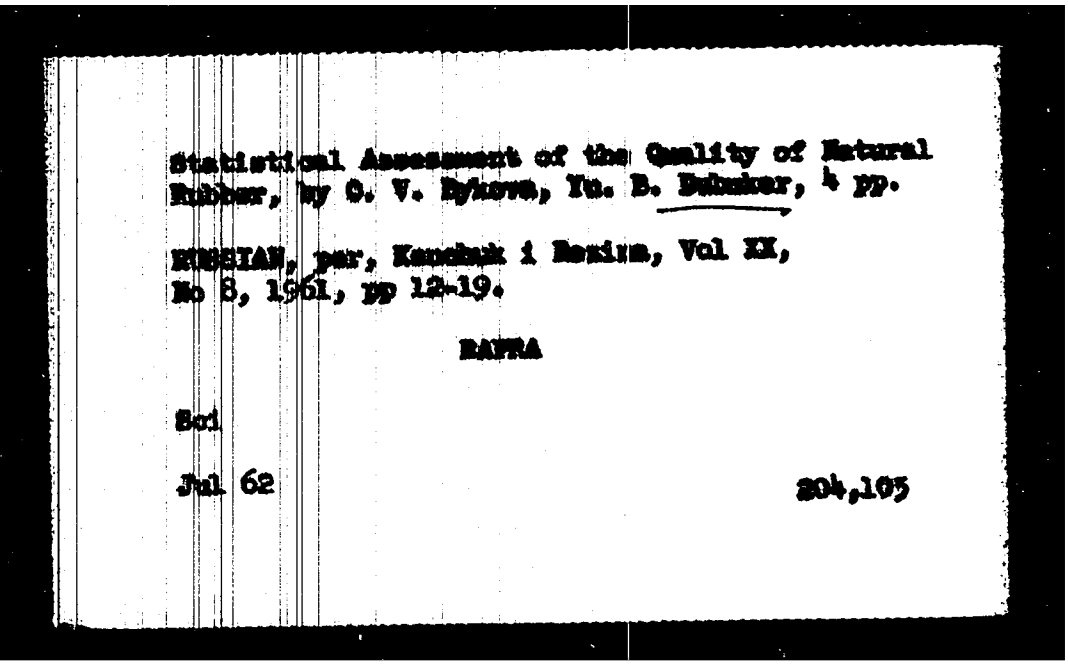
N. F. Dublyanskaya

Sci-Bkm
Mar 67

331,446

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Statistical Assessment of the Quality of Natural Rubber, by O. V. Rykova, Yu. B. Dubenker, 4 pp.

RUSSIAN, par, Kauchuk i Rezina, Vol XX, No 8, 1961, pp 12-19.

RAPRA

Sci

Jul 62

204,105

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

(2221-N)

System of Protection From Pulse Noise in Apparatus For Recording Meteor Activity, by S. Dubnik, B. L. Kashcheyev, M. F. Logutin, I. A. Lysyenko, 5 pp.

RUSSIAN, per. Radiotekhnika i Elektronika, No 11, 1958, pp 1379-1383.

JPRS L-656-N

Sci - Electronics
Mar 59

82,738

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Rapid Detection of Fluorine in Organic Fluorine-Containing Materials by Nonwettability of Glass, by L. M. Dubnikov, O. V. Chebotarev, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 4, 1960, pp 511-516.

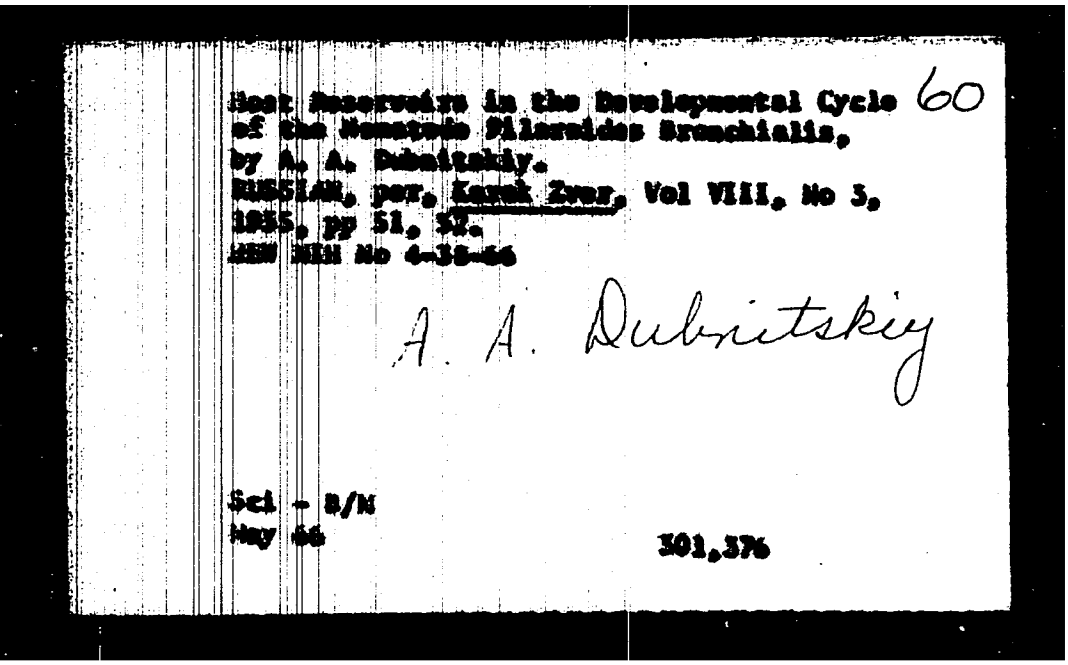
CB

164, 237

Sci
Aug 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Host Reservoirs in the Developmental Cycle of the Nematode Dilofilaria Bronchialis,
by A. A. Dubnitskiy.
RUSSIAN, per. Zool. Zhur, Vol VIII, No 3, 1955, pp 51, 52.
AEM NIH No 4-38-56

60

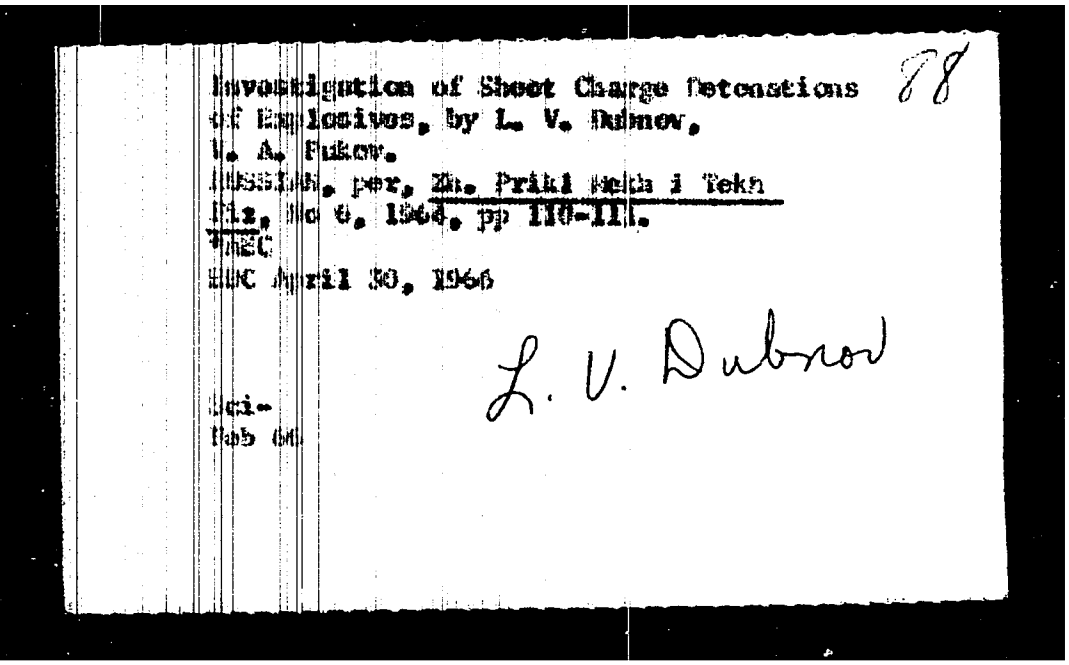
A. A. Dubnitskiy

Sci - M/N
May 56

301.376

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0



Investigation of Shock Charge Detonations of Explosives, by L. V. Dubov, V. A. Fukov.

[illegible], per, Zh. Prikl Mekh i Tekh Fiz, No 6, 1964, pp 110-111.

[illegible]

[illegible] April 30, 1966

L. V. Dubrov

[illegible]-
[illegible]

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Mistakes in Geometric Proofs, by Ya. S. Dubnov.

RUSSIAN, bk, Oshibki v Geometricheskikh Dokazatel'stvakh.

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16 Dec 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorption Properties and Secondary Porous Structure of Adsorbents with a Molecular Sieve Action, Communication 1. Industrial Samples of Synthetic Zeolites, by M. M. Dubinin, M. M. Vishnyakova, E. D. Zaverina, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, 1961, pp 396-405.

CB
ATD/RT-[illegible]200. 644

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Kinetics of Thermal Decomposition of Solids. Communication 2. Thermal Decomposition of Silver Carbonate, by O. Kadlets, M. M. Dubinin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, 1961, pp 390-395.

CB

200,643

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

Adsorption of Vapors on Nonporous Sorbent Models with a Physically Modified Surface. Communication 4. Low Temperature Adsorption of Nitrogen on Carbon Black with Preadsorbed Water, by A.I. Sarakhov, M. M. Dubinin, Yu.F. Berezkina, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1961, pp 974-983.

CB

200, 6 98

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

The Sorption and Structure of Active Charcoals. VI. Structural Types of Active Charcoals, by M. M. Dubinin and E. D. Zaverina, UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, 1949, Vol 23, No 10, pp 1129-1140.

Sci Mus Lib No 52/2936

Scientific

25 October 1952

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

News in Studies of Adsorption Phenomenon, by M. M. Dubinin, 5 pp.

RUSSIAN, per, Vest Ak Nauk, No 3, 1949, pp 19-36, Encl to IR -374-55, AFOIN-1A1. CIA D 256549.

AF 671150

USSR
Sci - Chemistry, adsorption

16,801

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200790046-0

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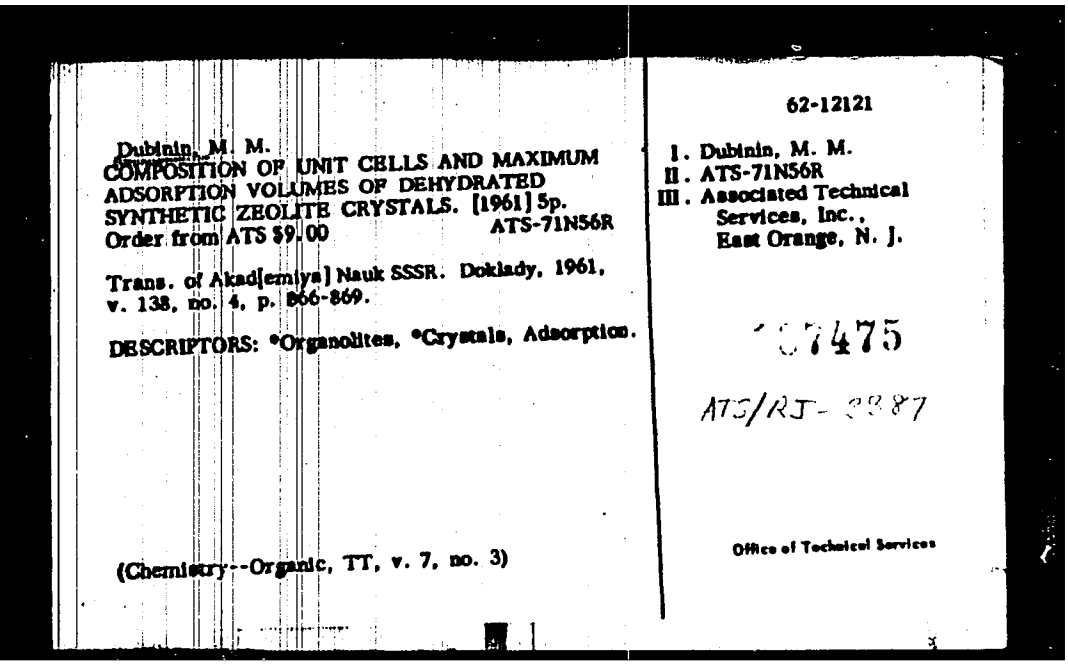

Dubinin, M. M.
COMPOSITION OF UNIT CELLS AND MAXIMUM ADSORPTION VOLUMES OF DEHYDRATED SYNTHETIC ZEOLITE CRYSTALS. [1961] 5p.
Order from ATS $9.00 ATS-71N56R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 138, no. 4, p. 866-869.

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